



J-H(ST)H...BD

Halogen-free installation cable in accordance with DIN VDE 0815



Info

- In accordance with DIN VDE 0815



J-H(ST)H...BD Fire Alarm Cable

Halogen-free installation cable in accordance with DIN VDE 0815 with red outer sheath



Benefits

- Used to meet enhanced fire protection requirements concerning protection of people and high-value property
- Does not emit any toxic or corrosive gases in the event of fire and resists the spread of fire
- Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields
- Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)
- **J-H(ST)H...BD Fire Alarm Cable** is marked with the phrase "Fire alarm cable" at regular intervals on the sheath. It is therefore used especially for installation in fire alarm systems.

Application range

- This halogen-free, flame-retardant installation cable with static screen is used for telephone, data and signal transmission in subscriber stations and private branch exchange construction for telephone systems
- For fixed installation on and under plaster, in dry and damp rooms

Product features

- Flame-retardant according IEC 60332-1-2
- No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
- Halogen-free according to EN 50267-2-1/-2

Norm references / Approvals

J-H(ST)H...BD

- In accordance with DIN VDE 0815 type J-H(ST)H...BD

J-H(ST)H...BD Fire Alarm Cable

- Based on DIN VDE 0815

Product Make-up

J-H(ST)H...BD

- Solid bare copper conductor
- Core insulation made of special halogen-free compound
- Cores twisted into star quads, 5 star quads are twisted into a bundle, bundles stranded in layers
- Foil wrapping, static screening made of aluminium-laminated plastic film with copper drain wire
- Outer sheath made of special halogen-free compound
Outer sheath colour: grey (RAL 7001)

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- Outer sheath made of special halogen-free compound
Outer sheath colour: flame red (RAL 3000)

Technical data

	Classification ETIM 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Signal-/telecommunications cable
	Core identification code according to VDE 0815, refer to Appendix T 10
	Mutual capacitance max. 120 nF/km
	Peak operating voltage (not for power applications) 300 V
	Coupling K1: approx. 300 pF/100 m K9-12: approx. 100 pF/100 m
	Minimum bending radius Fixed installation: 6 x outer diameter
	Test voltage Core/core: 800 V Core/screen: 800 V
	Loop resistance 0.6 mm: max. 130 ohm/km 0.8 mm: max. 73.2 ohm/km
	Conductor cross-section 0.6 mm: 0.28 mm ² 0.8 mm: 0.50 mm ²
	Temperature range Occasional flexing: -5°C to +50°C Fixed installation: -30°C to +70°C

Article number	Number of pairs and conductor diameter (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
J-H(ST)H...BD				
30017787	2 x 2 x 0,8	7	25	77
30017788	4 x 2 x 0,8	9.2	45	135
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30017798	2 x 2 x 0,8	7	25	77
30017801	10 x 2 x 0,8	11.3	106	250

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 100/100 kg. Refer to catalogue appendix T 17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Photographs are not to scale and do not represent detailed images of the respective products.